

NETL Focused Standards List

Revision 5: 8/21/03

This Focused Standards List has been primarily derived from selected Standard References contained in NETL issued directives. All Standards shall reference the most current edition/version of that Standard.

DOE and other Government Standards and Requirements

DOE DIRECTIVES

Note: The following DOE Directives can be found at

<http://www.directives.doe.gov/serieslist.html>

DOE Policy 141.1, Department of Energy Management of Cultural Resources
DOE Order 151.1, Comprehensive Emergency Management System
DOE Order 200.1, Information Management Program
DOE Order 210.1, Performance Indicators and Analysis of Operations Information
DOE Order 225.1, Accident Investigations
DOE Order 231.1, Environment, Safety and Health Reporting
DOE Notice 231.1, Environment, Safety and Health Reporting Notice
DOE Order 232.1, Occurrence Reporting and Processing of Operations Information
DOE Order 252.1, Technical Standards Program
DOE Order 360.1, Federal Employee Training
DOE Policy 411.1, Safety Management Functions, Responsibilities, and Authorities Policy
DOE Order 414.1, Quality Assurance
DOE Order 420.1, Facility Safety
DOE Order 433.1, Maintenance Management Program for DOE Nuclear Facilities
DOE Order 435.1, Radioactive Waste Management
DOE Order 440.1, Worker Protection Management for DOE Federal and Contractor Employees
DOE Order 442.1, DOE Employee Concerns Program
DOE Order 450.1, Environmental Protection Program
DOE Policy 450.1, Environment, Safety and Health Policy
DOE Policy 450.4, Safety Management System Policy
DOE Notice 450.4, Assignment of Responsibilities for Executive Order 13148, Greening of the Government through Leadership in Environmental Management
DOE Policy 450.5, Line Environment, Safety and Health Oversight
DOE Order 451.1, National Environmental Policy Act Compliance Program
DOE Order 460.1, Packaging and Transportation Safety
DOE Order 470.1, Safeguards and Security Program
DOE Notice 471.3, Reporting Incidents of Security Concern
DOE Notice 473.8, Security Conditions
DOE Order 3750.1, Workforce Discipline
DOE Order 3771.1, Grievance Policy and Procedures
DOE Order 3790.1, Federal Employee Occupational Medical Program, Chapter VIII

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DOE Order 5400.1, General Environmental Protection Program
DOE Order 5480.4, Environmental Protection, Safety, and Health Protection Standards
DOE Order 5480.19, Conduct of Operations Requirements for DOE Facilities
DOE Order 5481.1, Safety Analysis and Review System (SARS)
DOE Order 6430.1, General Design Criteria
DOE Standard 1030-96, Guide to Good Practices for Lockouts and Tagouts
DOE Standard 1088-95, Fire Protection for Relocatable Structures
DOE Standard 7501-99 DOE Corporate Lessons Learned Program

OTHER DOE REQUIREMENTS

Acquisition Letter 2002-05, "Greening the Government Requirement in Contracting"
<http://professionals.pr.doe.gov/ma5/MA-5Web.nsf/Procurement/Acquisition+Letters?OpenDocument>

DOE Acquisition Regulations (DEAR) (Subpart 945)
<http://professionals.pr.doe.gov/ma5/MA-5Web.nsf/Procurement/Acquisition+Regulation?OpenDocument>

DOE Assistance Regulations (Part 600)
<http://www1.pr.doe.gov/f600toc.html>

DOE's Pollution Prevention and Energy Efficiency Leadership Goals, November 1999
<http://dewey.tis.eh.doe.gov/bps/eshplan/eshguide2004.doc>

DOE Records Schedule for Environmental Records
DOE Records Schedule for Medical, Health, and Safety Records
<http://cio.doe.gov/RBManagement/Records/dissched.htm>

EXECUTIVE ORDERS

The following Executive Orders can be found at:
http://www.archives.gov/federal_register/executive_orders/executive_orders.html

Executive Order 11988, Floodplain Management
Executive Order 11990, Protection of Wetlands
Executive Order 12088, Federal Compliance with Pollution Control Standards
Executive Order 12114, Environmental Effects Abroad of Major Federal Actions
Executive Order 12856, Federal Compliance with Right-to-Know Laws and Pollution Prevention Requirements
Executive Order 12873, Affirmative Procurement-Federal Acquisition, Recycling and Waste Prevention

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Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations
Executive Order 13058, Protecting Federal Employees and the Public from Exposure to Tobacco Smoke in the Federal Workplace
Executive Order 13101, Greening the Government through Waste Prevention, Recycling, and Federal Acquisition
Executive Order 13123, Greening the Government through Efficient Energy Management
Executive Order 13148, Greening the Government through Leadership in Environmental Management
Executive Order 13149, Greening the Government through Federal Fleet and Transportation Efficiency

FEDERAL ACQUISITION REGULATIONS

Federal Acquisition Regulations (FAR) (Subpart 45)
<http://www.arnet.gov/far/>

NETL NEGOTIATED AGREEMENTS WITH AFGE LOCALS

Negotiated Agreements between NETL and AFGE Locals 1995 and 1916
<http://intranet/LMPC/Index.htm>

Statutory ES&H Standards

FEDERAL

The following US Codes, can be found at <http://www.gpoaccess.gov/uscode/index.html>

5 USC. 552a, Privacy Act of 1974, as amended
16 USC. Chapter 35, The Endangered Species Act of 1973, as amended
16 USC. 470, National Historic Preservation Act of 1966, as amended
33 USC. 1251, Clean Water Act
42 USC. 300, Safe Drinking Water Act
42 USC. § 6901 et seq., as amended, Resource Conservation and Recovery Act (Solid Waste Disposal Act)
42 USC 7401, Clean Air Act
42 USC. 9601, et seq., The Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended
44 USC §§ 3101 to 3107 Records Management By Federal Agencies
42 USC 4321 et seq., The National Environmental Policy Act of 1969
42 USC 6961 et seq., Resource Conservation and Recovery Act 1976

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The following CFRs can be found at <http://www.gpoaccess.gov/cfr/index.html>

10 CFR 20, Standards for Protection Against Radiation
10 CFR 71, Packaging of Radioactive Materials for Transport
10 CFR 1021, NEPA Implementing Procedures
10 CFR 1022, Compliance with Floodplains/Wetlands Environmental Requirements
29 CFR 1910 (Inclusive)
29 CFR 1903, Inspections, Citations, and Proposed Penalties
29 CFR 1903.1, General Duty Clause
29 CFR 1904, Recordkeeping and Reporting Occupational Injuries and Illnesses
29 CFR 1910, Occupational Safety and Health Standards
29 CFR 1910, Occupational Safety and Health Standards, Subparts C, D, E, H, I, K, L, N, O, Q, S and Z
29 CFR 1910.1020 OSHA Access to Employee Exposure and Medical Records
29 CFR 1910.22, General Requirements (walking and working surfaces)
29 CFR 1910.23, Guarding Floor and Wall Openings and Holes
29 CFR 1910.24, Fixed Industrial Stairs
29 CFR 1910.27, Fixed Ladders
29 CFR 1910.36, General Requirements for Means of Egress
29 CFR 1910.37, Means of Egress, General
29 CFR 1910.38, Employee Emergency Plans and Fire Prevention Plans
29 CFR 1910.66, Powered Platforms for Building Maintenance
29 CFR 1910.68, Manlifts
29 CFR 1910.94, Ventilation
29 CFR 1910.95, Occupational Noise Exposure
29 CFR 1910.97 Nonionizing Radiation
29 CFR 1910.101, Compressed Gases
29 CFR 1910.102, Acetylene
29 CFR 1910.103, Hydrogen
29 CFR 1910.104, Oxygen
29 CFR 1910.105, Nitrous Oxide
29 CFR 1910.106, Flammable and Combustible Liquids
29 CFR 1910.107, Spray Finishing using Flammable and Combustible Materials
29 CFR 1910.109(a), Explosives and Blasting Agents
29 CFR 1910.110, Storage and Handling of Liquefied Petroleum Gases
29 CFR 1910.119, Process Safety Management of Highly Hazardous Chemicals
29 CFR 1910.120, Hazardous Waste Operations and Emergency
29 CFR 1910.132, General Requirements for PPE
29 CFR 1910.133, Eye and Face Protection
29 CFR 1910.134, Respiratory Protection
29 CFR 1910.135, Occupational Head Protection
29 CFR 1910.136, Occupational Foot Protection
29 CFR 1910.137, Electrical Protective Devices
29 CFR 1910.138, Hand Protection

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29 CFR 1910.144, Safety Color Code for Marking Physical Hazards
29 CFR 1910.145, Specifications for Accident Prevention Signs and Tags
29 CFR 1910.146, Permit-Required Confined Spaces
29 CFR 1910.147, Control of Hazardous Energy (Lockout/Tagout)
29 CFR 1910.151, Medical Services and First Aid
29 CFR 1910.252, General Requirements Welding, Cutting, and Brazing
29 CFR 1910.155, Fire Protection
29 CFR 1910.157, Portable Fire Extinguishers
29 CFR 1910.158, Standpipe and Hose Systems
29 CFR 1910.159, Automatic Sprinkler Systems
29 CFR 1910.160, Fixed Extinguishing Systems,
29 CFR 1910.161, Fixed Extinguishing Systems, Dry Chemical
29 CFR 1910.162, Fixed Extinguishing Systems, Gaseous Agent
29 CFR 1910.163, Fixed Extinguishing Systems, Water Spray and Foam
29 CFR 1910.164, Fire Detection Systems
29 CFR 1910.165, Employee Alarm Systems
29 CFR 1910.176, Handling Materials - General
29 CFR 1910.178, Powered Industrial Trucks
29 CFR 1910.179, Overhead and Gantry Cranes
29 CFR 1910.184, Slings
29 CFR 1910.212, General requirements for all machines
29 CFR 1910.219, Mechanical Power - Transmission Apparatus
29 CFR 1910.241-244. Subpart P, Hand and Portable Powered Tools and Other Hand-Held Equipment
29 CFR 1910, Subpart Q, Welding, Cutting and Brazing
29 CFR 1910.252, General requirement
29 CFR 1910.268, Telecommunications
29 CFR 1910.269, Electric Power Generation, Transmission, and Distribution
29 CFR 1910.303, Electrical Safety
29 CFR 1910.305, Wiring Methods, Components, and Equipment for General Use
29 CFR 1910.307, Hazardous (Classified) Locations
29 CFR 1910.331-335, Electrical Safety-Related Work Practice Standards
29 CFR 1910.333, Selection and Use of Work Practices
29 CFR 1910.1000, Air Contaminants
29 CFR 1910, Subpart Z, Toxic and Hazardous Substances
29 CFR 1910.1001 to 1052, Asbestos
29 CFR 1910.1001-1096, Individual Standards for OSHA-Regulated Toxic and Hazardous Substances (e.g., asbestos, lead, benzene, formaldehyde, etc.)
29 CFR 1910.1003, 13 Carcinogens (4-nitro biphenyl, etc.)
29 CFR 1910.1020, Access to Employee Exposure and Medical Records
29 CFR 1910.1025, Lead Standard
29 CFR 1910.1030, Bloodborne Pathogens
29 CFR 1910.1096, Ionizing Radiation
29 CFR 1910.1200, Hazard Communication

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29 CFR 1910.1450, Occupational Exposure to Hazardous Chemicals in Laboratories
29 CFR 1926, Safety and Health Regulations for Construction
29 CFR 1926, Subparts C, F, J, K, L, M, P, S and X
29 CFR 1926.21, Safety Training and Education
29 CFR 1926.25, Housekeeping
29 CFR 1926.26, Illumination
29 CFR 1926.52, Occupational Noise Exposure
29 CFR 1926.55, Gases, Vapors, Fumes, Dusts, and Mists
29 CFR 1926.1101, Asbestos
29 CFR 1926.59, Hazard Communication
29 CFR 1926.62, Lead
29 CFR 1926.65, Hazardous Waste Operations and Emergency Response
29 CFR 1926.95, Criteria for Personal Protective Equipment
29 CFR 1926.96, Occupational Foot Protection
29 CFR 1926.100, Head Protection
29 CFR 1926.104, Safety Belts, Lifelines, and Lanyards
29 CFR 1926.105, Safety Nets
29 CFR 1926.156, Fixed Extinguishing Systems, General
29 CFR 1926.157, Fixed Extinguishing Systems, Gaseous Agent
29 CFR 1926.158, Fire Detection Systems
29 CFR 1926.159, Employee Alarm Systems
29 CFR 1926.252, Disposal of Waste Materials
29 CFR 1926.403, Electrical Safety
29 CFR 1926.417, Lockout and Tagging of Circuits
29 CFR 1926.552, Material Hoists, Personnel Hoists, and Elevators
29 CFR 1926.1060, Training Requirements
29 CFR 1926.1101, Construction Industry Asbestos Standard
29 CFR 1960, Federal Employee Occupational Safety and Health Program
29 CFR 1960, Subpart I
29 CFR 1960.28, Employee Reports of Unsafe or Unhealthful Working Conditions
29 CFR 1990, Carcinogen Policy and Model Standards
33 CFR 153-157, Control of Pollution by Oil and Hazardous Substances
36 CFR 800, Protection of Historic Properties
36 NARA, Chapter XII
40 CFR, Protection of the Environment
40 CFR Subchapter C, I, J, and N
40 CFR 60 B 63, Clean Air Act Regulations (see also corresponding State regulations)
40 CFR 61, Subpart M, National Emission Standard for Asbestos
40 CFR 68, Chemical Accident Prevention Provisions
40 CFR 82, Protection of Stratospheric Ozone
40 CFR 110, Discharge of Oil
40 CFR 112, Oil Pollution Prevention
40 CFR 116, Designation of Hazardous Substances
40 CFR 117, Determination of Reportable Quantities for Hazardous Substances

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40 CFR 121, State Certification of Activities Requiring a Federal License or Permit
40 CFR 122, EPA Administered Permit Programs -- The National Discharge Elimination System
40 CFR 123, State NPDES Permit Program Requirements
40 CFR 124, Procedures for Decision Making
40 CFR 125, Criteria and Standards for the National Pollutant Discharge Elimination System
40 CFR 129, Toxic Pollutant Effluent Standards
40 CFR 131, Water Quality Standards
40 CFR 136, Sampling and Analysis
40 CFR 141-143, Safe Drinking Water Act Regulations (see also corresponding State regulations)
40 CFR 147, State Underground Injection Control Programs, Subpart NN, Pennsylvania
40 CFR 147, State Underground Injection Control Programs, Subpart XX, West Virginia
40 CFR 243, Guidelines for Storage and Collection of Commercial/Instructional Solid Waste
40 CFR 260-270, Resource Conservation and Recovery Act Federal Regulations (see also corresponding State regulations)
40 CFR 260-274, Resource Conservation and Recovery Act
40 CFR 261, Identification and Listing of Hazardous Waste
40 CFR 262, Standards Applicable to Generators of Hazardous Waste
40 CFR 262.41(a), Biennial Reports
40 CFR 280, Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks
40 CFR 300, National Oil and Hazardous Substances Pollution Contingency Plan
40 CFR 302, Designation, Reportable Quantities, and Notification
40 CFR 302.4, Designation of Hazardous Substances
40 CFR 355, Emergency Planning and Notification
40 CFR 355, Appendix A, The list of Extremely Hazardous Substances and their Threshold Planning Quantities
40 CFR 370, Hazardous Chemical Reporting: Community Right-to-Know
40 CFR 372.65, Toxic Chemical Release Reporting; Community Right-to-Know, Chemicals and Chemical Categories
40 CFR 401, General Provisions for Effluent Guidelines and Standards
40 CFR 403, General Pretreatment Regulations for Existing and New Sources of Pollution
40 CFR 716.60, Health and Safety Data Reporting, Reporting Schedules
40 CFR 745, Subpart L B Lead-Based Paint Activities
40 CFR 761, PCBs
40 CFR 763, Asbestos
40 CFR 1500-1508, Regulations for Implementing the Procedural Provisions of the National Environmental Policy Act
41 CFR 101-20.105-3, Smoking Regulations
48 CFR Parts 23 and 52, and DOE Acquisition Regulation, "Acquisition and Use of Environmentally Preferable Products and Services,"
48 CFR Parts 923 and 970.5204.39
49 CFR 1, subchapter C, Hazardous Materials Regulations

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49 CFR 100 - 179, Department of Transportation Hazardous Materials Regulations
49 CFR 173.34, Qualification, Maintenance, and use of Cylinders
49 CFR 178, Specifications for Packages

Policy Letter 92-4, "Procurement of Environmentally Sound and Energy Efficient Products and Services, Federal Acquisition Regulation, Environmentally Preferable Products,"
<http://www.acqnet.gov/Library/OFPP/PolicyLetters/Letters/PL92-4.html>

STATE

WEST VIRGINIA

The following WV Codes can be found at:

<http://129.71.164.29/WVCODE/masterfrm3Banner.cfm>

15 WVC 5A, Public Safety, WV Community Right-to-Know Act
16 WVC 1, Series III, Water Well Design Standards
20 WVC 5A, Water Pollution Control Act
20 WVC 5M, WV Groundwater Protection Act
22 WVC 5, Air Pollution Control
22 WVC 6, Section 19, Continuance During Life of Well; Dry and Abandoned Wells
22 WVC 18, West Virginia Hazardous Waste Management Act
22 WVC 20-5J-1, West Virginia Medical Waste Act
22 WVC 22-11-1, West Virginia Water Pollution Control Act

The following WV Codes of State Rules can be found at: <http://www.wvsos.com/csr/>

WV CSR 45, Legislative Rule, Division of Environmental Protection, Office of Air Quality
WV CSR 33-01, West Virginia Solid Waste Management
WV CSR 33-04, Lead Acid Batteries
WV CSR 33-07, West Virginia Transportation of Hazardous Waste
WV CSR 33-7-2, Proof of Proper Solid Waste Disposal
WV CSR 33-20, West Virginia Hazardous Waste Management Rule
WV CSR 33-20-5, Standards Applicable to Generators
WV CSR 33-23, Groundwater Protection Standard
WV CSR 33-30, Underground Storage Tanks
WV CSR 46-01, Requirements Governing Water Quality Standards
WV CSR 46-12, Requirements Governing Groundwater Standards
WV CSR 46-33, Solid Waste Management
WV CSR 47-5A, Regulations for State Certification of Activities Requiring Federal License and Permit
WV CSR 47-10, National Pollutant Discharge Elimination System (NPDES) Program
WV CSR 47-26, Water Pollution Control Permit Fee Schedule

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WV CSR 47-55, Groundwater Protection Act Fee Schedule
WV CSR 47-58, Groundwater Protection Regulations
WV CSR 47-59, Monitoring Well Standards
WV CSR 47-60, Monitoring Well Design Standards
WV CSR 55-01, Emergency Planning & Community Right-to-Know
WV CSR 64-51, Asbestos Abatement Notification
WV CSR 64-56, Infectious Medical Waste
WV CSR 64-63, Asbestos Abatement Licensing
WV CSR 157-7, Transportation of Hazardous Waste

PENNSYLVANIA

The following PA Statutes can be found at: <http://members.aol.com/StatutesPA/Index.html>

35 PA CS §§ 691.1 - 691.801, Pennsylvania Clean Streams Law
35 PA CS §4001—4015, Pennsylvania Air Pollution Control Act
35 PA CS §6018.101-6018.1003, Pennsylvania Solid Waste Management Act
35 PA CS § 6021.101, et seq. - Storage Tank and Spill Prevention Act
35 PA CS §7130.101 et seq., Pennsylvania Low Level Radioactive Waste Disposal Act

PA Act 101, Municipal Waste Planning, Recycling, and Waste Act of 1988
<http://www.dep.state.pa.us/dep/deputate/airwaste/wm/recycle/FACTS/Act101.htm>

PA Act 610, Water Well Driller License Act
http://www.dcnr.state.pa.us/topogeo/groundwater/act610_annotated.htm

The following PA Codes can be found at: <http://www.pacode.com/index.html>

25 PA Code, Article III, Air Resources
25 PA Code, Chapter 16, Water Quality Toxics Management -- Statement of Policy
25 PA Code, Chapter 91, General Provisions
25 PA Code, Chapter 92, National Pollutant Discharge Elimination System
25 PA Code, Chapter 93, Water Quality Standards
25 PA Code, Chapter 94, Municipal Wasteload Management
25 PA Code, Chapter 97, Industrial Waste
25 PA Code, Chapter 101, Special Water Pollution Regulations
25 PA Code, Chapter 102, Erosion Control
25 PA Code 219, Standards for Protection Against Radiation
25 PA Code 230, Packaging and Transportation of Hazardous Materials
25 PA Code 236.1 et seq., Radioactive Waste Disposal
25 PA Code 245, Administration of the Storage Tank and Spill Prevention Program
25 PA Code 250, Land Recycling & Environmental Standards
25 PA Code 260 - 264A, Pennsylvania Hazardous Waste Management
25 PA Code 260-270, Hazardous Waste

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- 25 PA Code 262, Generators of Hazardous Waste
- 25 PA Code 262a.41, Biennial Reports
- 25 PA Code 262a.100, Source Reduction Strategy
- 25 PA Code 266, Pennsylvania Management of Specific Hazardous Waste and Specific Types of Hazardous Waste Management Facilities
- 25 PA Code 266.201-283, Universal Waste (Batteries, Mercury and Thermostats)
- 25 PA Code 271-285, Pennsylvania Municipal Waste Management
- 25 PA Code 287-299, Residual Waste Management
- 25 PA Code 288, Disposal of Friable Asbestos
- 25 PA Code, Chapter 288, Residual Waste Landfills, Subchapter B, Application Requirements, Section 288.192, Plan for the Disposal of Friable Asbestos Containing Waste
- 25 PA Code 299, Subchapter A, Requirements for Asbestos and PCBs
- 34 PA Code 301, Worker and Community Right-to-Know

C. Local

ALLEGHENY COUNTY, PA

The following Allegheny County Health Department, regulations can be found at:

<http://www.county.allegheny.pa.us/achd/rules/index.asp>

- ACHD, Article III, Food Protection, Section 322, Lighting
- ACHD, Article VII, Medical Waste
- ACHD, Article VIII, Solid Waste Disposal and Recycling Management
- ACHD, Article XV, Rules and Regulations for Plumbing
- ACHD, Article XVI, Plumbing
- ACHD, Article XXI, Air Pollution Control
- ACHD, Article XXI, 2105.60, Asbestos Sources
- ACHD, Article XXI, 2106.62, Asbestos

MORGANTOWN, WV

City of Morgantown, WV Article 527, "Noise Ordinance"

<http://www.morgantown.com/default.htm?noiseord.htm>

Industrial Waste Ordinance 923, City of Morgantown, WV- Located in the NETL-MGN library

Industrial Waste Discharge Permit Number MUB 012, Morgantown Utility Board, Morgantown, WV

intranet.pgh.fetc.doe.gov/project/ESHINFO/iso/EMS/ems_road_map/MUBpermit.pdf

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PLEASANT HILLS, PA

Pleasant Hills Authority, Resolution 192 - Located in Pittsburgh library

Pleasant Hills Authority, Resolution 725 - Located in Pittsburgh library

Pleasant Hills Authority, Sewer Use Permit

http://intranet/project/ESHINFO/iso/EMS/ems_road_map/PHA.pdf

SOUTH PARK, PA

South Park Township, Article 20, Supplementary Regulations, Section 2001.3, “Noise” –
Located in the Pittsburgh Library

South Park Township Plumbing Regulations

See: Allegheny County Plumbing Regulations

<http://www.county.allegheny.pa.us/ACHD/RULES/art15.pdf>

Consensus Standards

Note: references apply to latest edition/most current version

The following consensus standards are located in the Morgantown/Pittsburgh Libraries unless otherwise noted

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

ACGIH (American Conference of Governmental Industrial Hygienists), Guidelines for the
Assessment of Bioaerosols in the Indoor Environment; - On Order.

ACGIH, “Industrial Ventilation” - (In process of Locating Source)

ACGIH, “Threshold Limit Values for Chemical Substances and Physical Agents”

ACGIH TLVs® and BEIs® Publication #0102

ANSI (American National Standards Institute) A10.14-, Construction and Demolition
Operations - Requirements for Safety Belts, Harnesses, Lanyards, and Lifelines for
Construction and Demolition use - On Order

AMERICAN NATIONAL STANDARDS INSTITUTE

ANSI B24.1, Forging Machinery Requirements - On Order

ANSI O1.1, Safety Requirements for Woodworking Machinery - On Order

ANSI/IES RP1, Practice for Office Lighting

ANSI RP7-01 Practice for Industrial Lighting

ANSI S1.4, Specifications for Sound Level Meters

ANSI S3.1, Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms

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ANSI S3.6, Specifications for Audiometers
ANSI Z9.2, Design and Operation of Local Exhaust Systems
ANSI Z9.5, "Laboratory Ventilation." - On Order.
ANSI Z35.1, Accident Prevention Signs
ANSI Z35.2, Accident Prevention Tags and Specifications
ANSI Z41.1, Personal Protection - Protective Footwear
ANSI Z49.1, Safety in Welding and Cutting and Allied Processes
ANSI Z53.1, Marking Physical Hazards Safety Color Code
ANSI Z87.1, Occupational and Educational Eye and Face Protection
ANSI Z88.2, Practices for Respiratory Protection
ANSI Z89.1, Protective Headwear for Industrial Workers - Requirements
ANSI Z244.1, Safety Requirements for Lockout/Tagout of Energy
ANSI Z358.1, Emergency Eyewash and Shower Equipment
ANSI 14.3, American National Standard for Ladders - Fixed - Safety Requirements Located
in ANSI 1264.1, Safety Requirements for Workplace Floor and Wall Openings, Stairs, and
Railing Systems
ANSI/UL (Underwriters Laboratories) 551, Safety Standard for Transformer Type Arc
Welding Machines

AMERICAN SOCIETY OF MECHANICAL ENGINEERS

ASME B31.1, "ASME Code for Pressure Piping/Power Piping"

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS

ASHRAE Standard 52, Methods of Testing Air Cleaning Devices Used in General
Ventilation for Removing Particulate Matter
ASHRAE, Standard 55, Thermal Environmental Conditions for Human Occupancy
ASHRAE, Standard 62, Ventilation for Acceptable Indoor Air Quality
ASHRAE, Standard 110, Method of Testing and Performance of Laboratory Fume Hoods
American Society of Mechanical Engineer's (ASME) Boiler and Pressure Vessel Code,
Section VIII - On Order

AMERICAN SOCIETY FOR TESTING AND MATERIALS

ASTM A36/A36M, Standard Specification for Carbon Structural Steel

COMPRESSED GAS ASSOCIATION

CGA (Compressed Gas Association) - C6, "Standard for Visual Inspection of Compressed
Gas Cylinders,"
CGA C8, "Standard for Requalification of ICC-3HT Cylinders,"
CGA G-1, "Acetylene,"

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CGA G-1.3, "Acetylene Transmission for Chemical Synthesis," - On Order
CGA G-8.1, "Standard for the Installation of Nitrous Oxide Systems at Consumer Locations,"
CGA Pamphlet P-1, "Safe Handling of Compressed Gases in Containers,"
CGA P-3, "Specifications, Properties, and Recommendations for Packaging, Transportation, Storage, and Use of Ammonium Nitrate" - In process of Locating Source
CGA Pamphlet S-1.1, "Pressure Relief Device Standards - Part 1- Cylinders for Compressed Gases,"
CGA S-1.2, "Safety Relief Devices Standards, Cargo and Portable Tanks for Compressed Gases,"
CGA S-1.3, "Safety Release Device Standards - Compressed Gas Storage Containers,"
CGA P12, Safe Handling of Cryogenic Liquids
CGA V6, Standard Cryogenic Liquid Transfer Connections - On Order
CGS 1957, "Standard Hose Connection Standard" - In process of Locating Source

INTERNATIONAL STANDARDS ORGANIZATION

ISO 14001, Environmental Management System -- Specification with Guidance for Use

NATIONAL ELECTRIC CODE

NEC, Article 500, Hazardous (Classified) Locations

NATIONAL FIRE PROTECTION ASSOCIATION

NFPA 10, Portable Fire Extinguishers
NFPA 11A, High Expansion Foam Extinguishing Systems
NFPA 12, Carbon Dioxide Extinguishing Systems
NFPA 12A, Halon 1301 Fire Extinguishing Systems
NFPA 13, Installation of Sprinkler Systems
NFPA 14, Installation of Standpipe and Hose Systems
NFPA 15, Water Spray
NFPA 16, Deluge Foam-Water Sprinkler Systems and Foam Water Spray Systems

NFPA 17, Dry Chemical Extinguishing Systems
NFPA 18, Wetting Agents
NFPA 25, Inspection Testing and Maintenance of Water-Based Fire Protection Systems
NFPA 30, Flammable and Combustible Liquids Code
NFPA 45, Standard on Fire Protection for Laboratories using Chemicals
NFPA 51B, Fire Prevention in use of Cutting and Welding Processes
NFPA 55, "Storage, Use, and Handling of Compressed Gases and Liquefied Gases in Portable Cylinders"
NFPA 68, Venting of Deflagrations
NFPA 70, National Electrical Code (NEC)

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NFPA 70E, Standards for Electrical Safety Requirements for Employee Workplaces
NFPA 72, National Fire Alarm Code
NFPA 90A, Installation of Air Conditioning and Ventilation Systems
NFPA 91, Standard for Exhaust Systems for Conveying of Materials
NFPA 101, Life Safety Code Handbook
NFPA 241, Safeguarding Construction, Alteration, and Demolition Operations
NFPA 704, "Standard System for the Identification of the Hazards of Materials for
Emergency Response"